

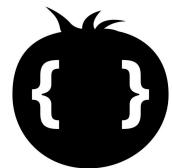
Pavel (Paul) Zolotarevskiy

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Experience

Luis+

Software Engineer

September 2024 - August 2025

Moscow, Russia **CHFTM**

Worked as a full-stack developer for the CMS service and internal administration tools at a major B2B supplier of security solutions. Fixed issues in the internal tool for complex data ingestion and scraping from hundreds of incompatible sources

Stack: TypeScript, Nest.js, MySQL, Vue, NATS

Skills: Microservices, Message brokers, Enterprise development, Data ingestion

<https://luis.ru>

Team Lead, Developer

May 2023 - Present

Assembled and led a programming team participating in various hackathons and olympiads

Stack: Python, Flutter, Go

Skills: Team management, Rapid development, Product design

<https://github.com/chftm>

Projects

med?

Medicine in Russia is basically unregulated, so I wrote this tool to let people check the evidence of drugs they take. It fetches data from a reverse-engineered internal GraphQL API of a medical database, adds aggregate data from trusted sources (ie. FDA, PubMed, WHO), shows the evidence level and summarizes the research using an LLM

<https://med.fxgn.dev>

Coursehunt

A tool that searches online courses across 6 major platforms, such as Udemy, edX, Coursera and more. Required building a common interface over multiple APIs, some of which are private/undocumented and used through reverse engineering

CalDAV sync

A personal project to aggregate data from a few sources without a public API into my task list. Includes a reverse-engineered API for my high school's LMS, as well as one for a large Russian online marketplace, obtained through capturing the traffic of their mobile app

https://github.com/flexagoon/cal dav _sync

Rounded Window Corners Reborn

Completely re-wrote and refactored an abandoned extension for the GNOME desktop environment for Linux that adds rounded corners to all windows using a custom Fragment shader. The project currently has over 144000 downloads

<https://github.com/flexagoon/rounded-window-corners/>

Alumni Map

In a team of 5, developed a map of alumni/ex-faculty of our school to let them find each other and connect across the world

<https://map.n.foundation>

ream

A standalone re-implementation of Telegram's chat export functionality, allowing automaton of bulk backups of chats. This project required understanding of Telegram's messy C++ codebase, as well as the bespoke MTProto protocol it uses to transfer data

<https://github.com/flexagoon/ream>

AutoMenu

A script that automatically fetches and parses the PDF of the cafeteria menu for my high school, and then uses linear optimization to generate a daily meal plan according to configured nutrition goals
<https://github.com/flexagoon/automenu>

Skills

| Backend | Scripting/automation | Frontend | DevOps | Mobile Development |
|-------------------------------------|--------------------------------|--|---------------------------------------|--------------------|
| Python, Go, TypeScript, Elixir, SQL | Python, Fish, Bash, Julia, Lua | HTML/CSS, TailwindCSS, Astro, React (Next.js), Vue | Docker, CI/CD, SystemD, Bash, Ansible | Flutter, Dart |

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Awards

Silver medalist

March 2024

National Technological Olympiad for Cybersecurity

Silver medal in one of the largest nationwide cybersecurity CTF competition

<https://ntcontest.ru/tracks/nto-school/proekt-novoy-bezopasnosti/informatsionnaya-bezopasnost/>

Winner

2022, 2024

National Data Analysis Olympiad

Won a medal twice in a competitive data science competition, with an individual knowledge test stage and a week-long team project stage analyzing a real dataset

<https://dano.hse.ru>

1st place

August 2023

DriveIT Hack

Won a team hackathon organized by Moscow's public transport department, developing a prototype of a subway navigation app for smart watches

1st place

National Linguistics Research Competition

Won the 1st place with a computational linguistics research project on differences between online communication of students and teachers. Used Python with Polars and various NLP methods to analyze the data

<https://olymp.hse.ru/projects/ling>

Languages

English

C2 (IELTS 8.5, DET 155)



Russian

Native



Education

The New School

<https://n.school>

High School • 5/5 GPA **Maastricht University**

2018 - 2025 Maastricht Science

Programme

<https://maastrichtuniversity.nl>

Bachelor

September 2025 - Ongoing